

Pursuant to the authority vested in California Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That the following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Briggs & Stratton Corporation	See Attachment	See Attachment	Gasoline
Kohler Company	See Attachment	See Attachment	Gasoline
Kawasaki Heavy Industries, Ltd.	See Attachment	See Attachment	Gasoline
Loncin Motor Co., Ltd.	See Attachment	See Attachment	Gasoline
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2018	CP	4.33, 9.84, 11.21, 15.04, 16.33	Riding Mower, Tractor
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister, HDPE		See Attachment	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.</small>			

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*not applicable		DESIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m ² /day)		FUEL TANK PERMEATION (grams ROG/m ² /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, Q-14-008, C-U-06-030A	1.5	Q-08-027A, Q-11-017	1.4	C-U-06-015, Q-09-021

BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

Executed at El Monte, California on this 23rd day of March 2018.


 Annette Hebert, Chief
 Emissions Compliance, Automotive Regulations and Science Division

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ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Briggs & Stratton Corporation	JBSXS.3442VA (U-U-002-1022) JBSXS.5002VV (U-U-002-1023) JBSXS.5402VL (U-U-002-1024) JBSXS.6272VJ (U-U-002-1034) JBSXS.7242VA (U-U-002-1026) JBSXS.7242VE (U-U-002-1027) JBSXS.8102VS (U-U-002-1028) HBSXS.3442VA (U-U-002-0958) HBSXS.5002VV (U-U-002-0959) HBSXS.5402VL (U-U-002-0960) HBSXS.6272VJ (U-U-002-0977) HBSXS.7242VA (U-U-002-0961) HBSXS.7242VE (U-U-002-0962) HBSXS.8102VS (U-U-002-0996)	344 500 540 570, 627 656, 724, 810	Gasoline
Kohler Company	JKHXS.7472GD (U-U-005-0573) JKHXS.7472PE (U-U-005-0576) JKHXS.7252GB (U-U-005-0581) JKHXB.7472GB (U-L-021-0058) JKHXB.7472PE (U-L-021-0061) HKHXS.5972GB (U-U-005-0522) HKHXS.7472GD (U-U-005-0531) HKHXS.7472PE (U-U-005-0532) HKHXS.7252GB (U-U-005-0537)	597, 660 725, 747 725, 747	Gasoline
Kawasaki Heavy Industries, Ltd.	GKAXS.6032CC (U-U-004-0745) GKAXS.7262CA (U-U-004-0752) GKAXS.7262CB (U-U-004-0751) GKAXS.7262CC (U-U-004-0750) GKAXS.8522CA (U-U-004-0758) HKAXS.6032CC (U-U-004-0717) HKAXS.7262CA (U-U-004-0709) HKAXS.7262CB (U-U-004-0708) HKAXS.7262CC (U-U-004-0707) HKAXS.8522CA (U-U-004-0711)	603 726 852	Gasoline
Loncin Motor Co., Ltd.	JCGPS.3522PN (U-U-145-0315) JCGPS.4522PN (U-U-145-0316) JCGPS.6082PN (U-U-145-0317) HCGPS.3522PN (U-U-145-0281) HCGPS.4522PN (U-U-145-0272) HCGPS.6082PN (U-U-145-0273)	352 413, 432, 452 546, 608	Gasoline

2018 Model Summary
Equipment Family CP

ATTACHMENT
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EO# U-0-006-0636

S1. Worst Case (Check One)	S2 Engine or Equipment Model	S3 Sales Codes (check)			S4 Engine Class (I or II)	S5 Fuel System (FI or CARB)	S6 Fuel Tank Vol.		S7 Fuel Tank Internal Surface Area (m2)	S8 Fuel Line Type	S9 Nominal Fuel Line Length (mm)	S10 Fuel Line Inside Diameter (mm)	S11 Exhaust Family (all engines applicable to all fuel tank options within the model)	S12 Fuel Tank Executive Order	S13 Fuel Line Executive Order	S14 Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State			Total	Nominal								
X	HX G1	X			II	Carb	11.26	11.21	0.463	MI	1092, 1245, 1397, 1549	6	HJBSXS.3412VA, HJBSXS.5002VV, HJBSXS.5402VL, HJBSXS.6272VJ, HJBSXS.7242VA, HJBSXS.7242VE, HJBSXS.8102VS	Q-11-017	G-05-018, Q-14-008, C-U-06-030A	Q-09-021
							15.09	15.04	0.492				HKHX.5972GB, HJKHXS.7472GD, HJKHXS.7472PE, HJKHXS.7252GB, JKHXB.7472GB, JKHXB.7472PE			
													HJKAXS.6032CC, HJKAXS.7262CA, HJKAXS.7262CB, HJKAXS.7262CC, HJKAXS.8522CA			
													HJCGPS.3522PN, HJCGPS.4522PN, HJCGPS.6082PN			
	HX L1	X			II	Carb	4.64	4.33	0.176	MI	229, 381, 533	6	HJBSXS.3442VA, HJBSXS.5002VV, HJBSXS.5402VL, HJBSXS.6272VJ, HJBSXS.7242VA, HJBSXS.7242VE, HJBSXS.8102VS	Q-11-017	G-05-018, Q-14-008, C-U-06-030A	Q-09-021
							11.26	11.21	0.463				HKHX.5972GB, HJKHXS.7472GD, HJKHXS.7472PE, HJKHXS.7252GB, JKHXB.7472GB, JKHXB.7472PE			
							15.09	15.04	0.492				HJKAXS.6032CC, HJKAXS.7262CA, HJKAXS.7262CB, HJKAXS.7262CC, HJKAXS.8522CA	Q-11-017		
													HJCGPS.3522PN, HJCGPS.4522PN, HJCGPS.6082PN			
	RZ	X			II	Carb	10.82	9.84	0.374	ML	510, 660, 1020, 1425	6	HJBSXS.3442VA, HJBSXS.5002VV, HJBSXS.5402VL, HJBSXS.6272VJ, HJBSXS.7242VA, HJBSXS.7242VE, HJBSXS.8102VS	Q-11-017	G-05-018, Q-14-008, C-U-06-030A	C-U-06-015
													HKHX.5972GB, HJKHXS.7472GD, HJKHXS.7472PE, HJKHXS.7252GB, JKHXB.7472GB, JKHXB.7472PE			
													HJKAXS.6032CC, HJKAXS.7262CA, HJKAXS.7262CB, HJKAXS.7262CC, HJKAXS.8522CA			
													HJCGPS.3522PN, HJCGPS.4522PN, HJCGPS.6082PN			
	MZ	X			II	Carb	17.98	16.33	0.622	ML	660, 1020, 1425	6	HJBSXS.3442VA, HJBSXS.5002VV, HJBSXS.5402VL, HJBSXS.6272VJ, HJBSXS.7242VA, HJBSXS.7242VE, HJBSXS.8102VS	Q-08-027A	G-05-018, Q-14-008, C-U-06-030A	C-U-06-015
													HKHX.5972GB, HJKHXS.7472GD, HJKHXS.7472PE, HJKHXS.7252GB, JKHXB.7472GB, JKHXB.7472PE			
													HJKAXS.6032CC, HJKAXS.7262CA, HJKAXS.7262CB, HJKAXS.7262CC, HJKAXS.8522CA			
													HJCGPS.3522PN, HJCGPS.4522PN, HJCGPS.6082PN			